
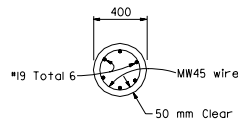
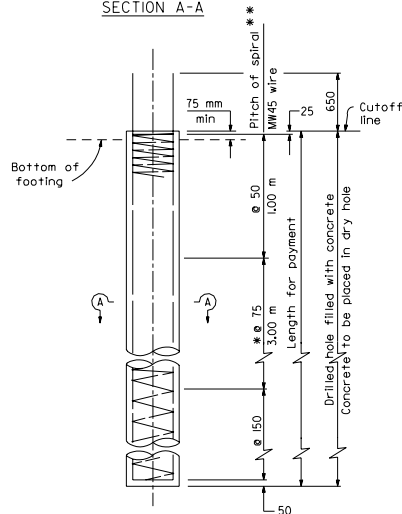




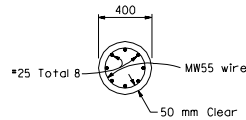
DIST	COUNTY	ROUTE	KILOMETER POST TOTAL PROJECT	SHEET NO.	SHEETS TOTAL
T.P. Jensen REGISTERED CIVIL ENGINEER					
July 1, 1999 PLANS APPROVAL DATE					
The State of California or its officers or agents shall not be responsible for the accuracy or completeness of electronic copies of this plan sheet.					



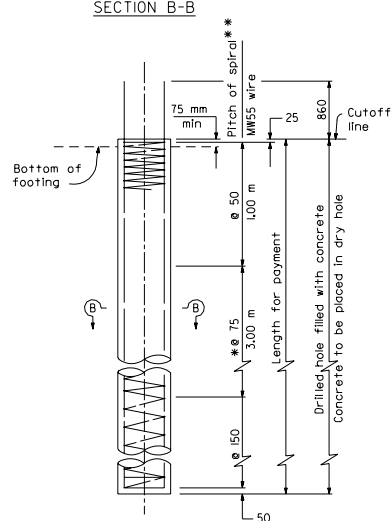
SECTION A-A



ELEVATION
400 AND 625 KILONEWTON
DESIGN CAPACITY



SECTION B-B



ELEVATION
900 KILONEWTON
DESIGN CAPACITY

* Ø 50 at option of contractor

** Extend at 50 mm pitch to top of anchor piles and load test piles.
For additional longitudinal reinforcement for anchor piles and load test piles,
see "Load Test Pile Details (2)", Standard Plan B2-10.

NOTES

Reinforcement extending into footing shall be hooked as required to provide clearance to top of footing.

Lapped splices in spiral pile reinforcement shall be lapped at least 80 wire diameters. Spiral pile reinforcement at splices and at ends shall be terminated with a 135° hook with a 150 mm tall hooked around a longitudinal bar.

Piles shall be extended only in accordance with details shown in the Project Plans.

DESIGN NOTES

REINFORCED CONCRETE

$f_y = 420 \text{ MPa}$
 $f'_c = 28 \text{ MPa}$

DESIGN CAPACITY

400 & 625 KILONEWTON PILE

COMPRESSION:

625 kN (Service state)
1250 kN (Nominal axial resistance)

TENSION:

625 kN (Nominal axial resistance)

900 KILONEWTON PILE

COMPRESSION:

900 kN (Service state)
1800 kN (Nominal axial resistance)

TENSION:

900 kN (Nominal axial resistance)

STATE OF CALIFORNIA
DEPARTMENT OF TRANSPORTATION

400 mm CAST-IN-DRILLED-HOLE CONCRETE PILE

NO SCALE

ALL DIMENSIONS ARE IN
MILLIMETERS UNLESS OTHERWISE SHOWN

B2-3